

ABSTRACT

A vibrator module adapted for use in a taper apparatus for advancing carrier tape having a plurality of compartments and for placing parts in the compartments. The vibrator module includes a motor that includes an output shaft
5 that rotates in response to operation of the motor. The vibrator module also includes an eccentric weight mounted to and rotatable with the output shaft. The eccentric weight causes the motor to vibrate in response to rotation of the output shaft and eccentric weight. The vibrator module further includes a vibration transferring member interconnected with the motor and operable to transfer
10 vibrations from the motor to the carrier tape to cause the parts to settle into the bottoms of the compartments.